

1994 PCT/PTO 004 JAN 2001

FORM PTO-1390
REV. 5-93

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEYS DOCKET NUMBER
P00,1938

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

09/743186

INTERNATIONAL APPLICATION NO.
PCT/DE99/01978

INTERNATIONAL FILING DATE
01 JULY 1999

PRIORITY DATE CLAIMED
06 JULY 1998

TITLE OF INVENTION

**METHOD AND ARRANGEMENT FOR DETERMINING A REGULATING VARIABLE OF A TECHNICAL SYSTEM THAT
IS DESCRIBED WITH A PREDETERMINED MODEL DESCRIPTION IN A PREDETERMINED SPACE**

APPLICANT(S) FOR DO/EO/US

HENNING LENZ ET AL.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
 2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
 3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.
 4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
 5. ☒ A copy of International Application as filed (35 U.S.C. 371(c)(2)) - drawings attached.
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
 6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)) - drawings attached.
 7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
 8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11. to 16. below concern other document(s) or information included:
11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (PTO 1449, Prior Art, Search Report, 11 References).
 12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
(SEE ATTACHED ENVELOPE)
 13. ☒ Amendment "A" Prior to Action and Appendix "A".
☐ A SECOND or SUBSEQUENT preliminary amendment.
 14. ☒ A substitute specification and Mark-Up for Substitute Specification.
 15. ☒ A change of address letter attached to the Declaration.
 16. ☒ Other items or information:
 - a. ☒ Request for Approval of Drawing Modifications, 2 sheets of drawings, Figures 1-3.
 - b. ☒ Appointment of Associate Power of Attorney
 - c. ☒ EXPRESS MAIL #EL655303055US dated January 4, 2001.

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.53)

INTERNATIONAL APPLICATION NO.

ATTORNEY'S DOCKET NUMBER

09/743036

PCT/DE99/01978

P00,1938

17. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):**

Search Report has been prepared by the EPO or JPO \$860.00

International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) .. \$690.00

No international preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but international search fee paid to USPTO (37 C.F.R. 1.445(a)(2)) \$710.00

Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO \$1000.00

International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$ 100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS

PTO USE ONLY

\$ 860.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).

\$

Claims	Number Filed	Number Extra	Rate		
Total Claims	28 - 20 =	8	X \$ 18.00	\$ 144.00	
Independent Claims	03 - 3 =	0	X \$ 80.00	\$	
Multiple Dependent Claims			\$270.00 +	\$	

TOTAL OF ABOVE CALCULATIONS =

\$ 1004.00

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)

\$

SUBTOTAL =

\$ 1004.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE =

\$ 1004.00

Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property

+

TOTAL FEES ENCLOSED =

\$ 1004.00

Amount to be refunded

\$

charged

\$

a. ☒ A check in the amount of \$ 1004.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1519. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

SCHIFF HARDIN & WAITE
 PATENT DEPARTMENT
 6600 Sears Tower
 233 South Wacker Drive
 Chicago, Illinois 60606-6473

SIGNATURE

Mark Bergner

NAME

45,877

Registration Number

09/743186

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Mailing Label Number EL655303055US

JC04 Rec'd PCT/PTO 0 4 JAN 2001

Date of Deposit: January 4, 2000

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10(c) on the date indicated above and is addressed to:

**BOX PCT
Assistant Commissioner for Patents
Washington DC 20231**

**Case Number: P00,1938
Applicant(s): Henning Lenz et al.
International Application No. PCT/DE99/01978
International Filing Date 01 July 1999
Priority Date Claimed 06 July 1998
Title: METHOD AND ARRANGEMENT FOR DETERMINING A
REGULATING VARIABLE OF A TECHNICAL SYSTEM THAT
IS DESCRIBED WITH A PREDETERMINED MODEL
DESCRIPTION IN A PREDETERMINED SPACE**

Enclosed are the following documents:

International application as filed, drawings attached;
English Translation, translated drawings attached;
Executed Declaration;
Change of Address form for Applicants' Representative;
PTO 1390 in duplicate;
Appointment of Associate Power of Attorney;
Amendment "A" prior to action and Appendix "A";
Information Disclosure Statement, PTO 1449, Search Report, 11 References;
Substitute Specification and Mark-Up for Substitute Specification;
Drawing Modifications, 2 sheets of drawings, Figures 1-3;

Fee: \$1004.00

Postcard.

(See attached envelope for Executed Assignment;

PTO 1595; \$40.00 filing fee; Postcard)


Signature of person mailing documents and fees

BOX PCT
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE
UNDER THE PATENT COOPERATION TREATY--CHAPTER II

APPLICANT(S): HENNING LENZ ET AL
ATTORNEY DOCKET NO.: P00,1938
INTERNATIONAL APPLICATION NO: PCT/DE99/01978
INTERNATIONAL FILING DATE: 01 JULY 1999
INVENTION: METHOD AND ARRANGEMENT FOR DETERMINING A
REGULATING VARIABLE OF A TECHNICAL SYSTEM THAT
IS DESCRIBED WITH A PREDETERMINED MODEL
DESCRIPTION IN A PREDETERMINED SPACE

Assistant Commissioner for Patents,
Washington, D.C. 20231

REQUEST FOR APPROVAL OF DRAWING MODIFICATIONS

Sir:

Enclosed are 2 sheets of drawings, Figures 1-3, showing in red, the addition of labels to the elements depicted in Figure 1. Approval of the additions is respectfully requested.

Submitted by,



(Reg. No. 45,877)

Mark Bergner
SCHIFF HARDIN & WAITE
PATENT DEPARTMENT
6600 Sears Tower
Chicago, Illinois 60606-6473
(312) 258-5779
Attorney for Applicant(s)

BOX PCT
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE
UNDER THE PATENT COOPERATION TREATY--CHAPTER II

APPLICANT(S): HENNING LENZ ET AL
ATTORNEY DOCKET NO.: P00,1938
INTERNATIONAL APPLICATION NO: PCT/DE99/01978
INTERNATIONAL FILING DATE: 01 JULY 1999
INVENTION: METHOD AND ARRANGEMENT FOR DETERMINING A
REGULATING VARIABLE OF A TECHNICAL SYSTEM THAT
IS DESCRIBED WITH A PREDETERMINED MODEL
DESCRIPTION IN A PREDETERMINED SPACE

Assistant Commissioner for Patents,
Washington, D.C. 20231

S I R:

Members of the firm of Hill & Simpson designated on the original Power of Attorney have merged into the firm of Schiff Hardin & Waite. All future correspondence for the above-referenced application therefore should be sent to the following address:

SCHIFF HARDIN & WAITE
Patent Department
6600 Sears Tower
233 South Wacker Drive
Chicago, Illinois 60606-6473

Submitted by,

Mark Bergner

(Reg. No. 45,877)

Mark Bergner
SCHIFF HARDIN & WAITE
Patent Department
6600 Sears Tower
Chicago, Illinois 60606-6473
Telephone: (312) 258-5779
Attorneys for Applicants